

SEQUENCE LISTING

<110> Reed, John C.
Okada, Kazuya

<120> Survivin-Binding Proteins, Encoding
Nucleic Acids, and Methods of Use

<130> P-LJ 5144

<150> US 09/770,219

<151> 2001-01-25

<160> 14

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 645

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

<222> (145)...(642)

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gtcacagaca agacagcaag cagg atg gag cac tac cgg aaa gct ggc tct 171
Met Glu His Tyr Arg Lys Ala Gly Ser
1 5

gta gag ctc cca gcg cct tcc cca atg ccc cag cta cct cct gat acc 219
Val Glu Leu Pro Ala Pro Ser Pro Met Pro Gln Leu Pro Pro Asp Thr
10 15 20 25

ctt gag atg cgg gtc cga gat ggc agc aaa att cgc aac ctg ctg ggg 267
Leu Glu Met Arg Val Arg Asp Gly Ser Lys Ile Arg Asn Leu Leu Gly
30 35 40

ttg gct ctg ggt cgg ttg gag ggc ggc agt gct cgg cat gta gtg ttc 315
Leu Ala Leu Gly Arg Leu Glu Gly Gly Ser Ala Arg His Val Val Phe
45 50 55

tca ggt tct ggc agg gct gca gga aag gct gtc agc tgc gct gag att 363
Ser Gly Ser Gly Arg Ala Ala Gly Lys Ala Val Ser Cys Ala Glu Ile
60 65 70

gtc aag cgg cgg gtc cca ggc ctg cac cag ctc acc aag cta cgt ttc 411
Val Lys Arg Arg Val Pro Gly Leu His Gln Leu Thr Lys Leu Arg Phe

75	80	85	
ctt cag act gag gac agc tgg gtc cca gcc tca cct gac aca ggg cta			459
Leu Gln Thr Glu Asp Ser Trp Val Pro Ala Ser Pro Asp Thr Gly Leu			
90	95	100	105
gac ccc ctc aca gtg cgc cgc cat gtg cct gca gtg tgg gtg ctg ctc			507
Asp Pro Leu Thr Val Arg Arg His Val Pro Ala Val Trp Val Leu Leu			
	110	115	120
agc cgg gac ccc ctg gac ccc aat gag tgt ggt tac caa ccc cca gga			555
Ser Arg Asp Pro Leu Asp Pro Asn Glu Cys Gly Tyr Gln Pro Pro Gly			
	125	130	135
gca ccc cct ggc ctg ggt tcc atg ccc agc tcc agc tgt ggc cct cgt			603
Ala Pro Pro Gly Leu Gly Ser Met Pro Ser Ser Ser Cys Gly Pro Arg			
	140	145	150
tcc cga aga agg ctc gag aca ccc gat cgt gaa gac ttg tga			645
Ser Arg Arg Arg Leu Glu Thr Pro Asp Arg Glu Asp Leu			
	155	160	165

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Gly Ser Lys Ile Arg Asn Leu Leu Gly Leu Ala Leu Gly Arg Leu Glu	
	35 40 45
Gly Gly Ser Ala Arg His Val Val Phe Ser Gly Ser Gly Arg Ala Ala	
	50 55 60
Gly Lys Ala Val Ser Cys Ala Glu Ile Val Lys Arg Arg Val Pro Gly	
	65 70 75 80
Leu His Gln Leu Thr Lys Leu Arg Phe Leu Gln Thr Glu Asp Ser Trp	
	85 90 95
Val Pro Ala Ser Pro Asp Thr Gly Leu Asp Pro Leu Thr Val Arg Arg	
	100 105 110
His Val Pro Ala Val Trp Val Leu Leu Ser Arg Asp Pro Leu Asp Pro	
	115 120 125
Asn Glu Cys Gly Tyr Gln Pro Pro Gly Ala Pro Pro Gly Leu Gly Ser	
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Met Pro Ser Ser Ser Cys Gly Pro Arg Ser Arg Arg Arg Leu Glu Thr	
	145 150 155 160
Pro Asp Arg Glu Asp Leu	
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 <212> PRT
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 Pro His Ile Leu Leu Phe Arg Arg Pro
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<210> 4
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 <212> PRT
 <213> Homo sapiens

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 20 25 30
 Pro His Ile Leu Leu Phe Arg Arg Pro
 35 40

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 <211> 41
 <212> PRT
 <213> Drosophila melanogaster

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 1 5 10 15
 Val Gln Gln Ser Arg Gly Trp Ile His Tyr Met Ile His Lys Pro Glu
 20 25 30
 Pro His Ile Leu Leu Phe Arg Arg Pro
 35 40

<210> 6
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 <212> PRT
 <213> Saccharomyces cerevisiae

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35

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25

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<220>
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19

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19

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27

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<212> DNA

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Pro Met Pro Gln Leu Pro Pro Asp Thr Leu Glu Met Arg Val Arg Asp
20 25 30

ggc agc aaa att cgc aac ctg ctg ggg ttg gct ctg ggt cgg ttg gag 144
Gly Ser Lys Ile Arg Asn Leu Leu Gly Leu Ala Leu Gly Arg Leu Glu
35 40 45

ggc ggc agt gct cgg cat gta gtg ttc tca ggt tct ggc agg gct gca 192
Gly Gly Ser Ala Arg His Val Val Phe Ser Gly Ser Gly Arg Ala Ala
50 55 60

gga aag gct gtc agc tgc gct gag att gtc aag cgg cgg gtc cca ggc 240
Gly Lys Ala Val Ser Cys Ala Glu Ile Val Lys Arg Arg Val Pro Gly
65 70 75 80

ctg cac cag ctc acc aag cta cgt ttc ctt cag act gag gac agc tgg 288
Leu His Gln Leu Thr Lys Leu Arg Phe Leu Gln Thr Glu Asp Ser Trp
85 90 95

gtc cca gcc tca cct gac aca ggg cta gac ccc ctc aca gtg cgc cgc 336
Val Pro Ala Ser Pro Asp Thr Gly Leu Asp Pro Leu Thr Val Arg Arg
100 105 110

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<210> 14
<211> 163
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<213> Homo sapiens

<400> 14
Met Glu His Tyr Arg Lys Ala Gly Ser Val Glu Leu Pro Ala Pro Ser
 1          5          10          15
Pro Met Pro Gln Leu Pro Pro Asp Thr Leu Glu Met Arg Val Arg Asp
 20          25          30
Gly Ser Lys Ile Arg Asn Leu Leu Gly Leu Ala Leu Gly Arg Leu Glu
 35          40          45
Gly Gly Ser Ala Arg His Val Val Phe Ser Gly Ser Gly Arg Ala Ala
 50          55          60
Gly Lys Ala Val Ser Cys Ala Glu Ile Val Lys Arg Arg Val Pro Gly
 65          70          75          80
Leu His Gln Leu Thr Lys Leu Arg Phe Leu Gln Thr Glu Asp Ser Trp
 85          90          95
Val Pro Ala Ser Pro Asp Thr Gly Leu Asp Pro Leu Thr Val Arg Arg
 100         105         110
His Val Pro Ala Val Trp Val Leu Leu Ser Arg Asp Pro Leu Asp Pro
 115         120         125
Asn Glu Cys Gly Tyr Gln Pro Pro Gly Ala Pro Pro Gly Leu Gly Ser
 130         135         140
Met Pro Ser Ser Ser Cys Gly Pro Arg Ser Arg Arg Arg Ala Arg Asp
 145         150         155         160
Thr Arg Ser

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